

IN THE CLAIMS

21) A television receiver (TV) that does not include a built in TV program recording device, said TV including:

 a PCMCIA card (Personal Computer Memory Card International Association card) interface slot in said TV, said PCMCIA card interface slot adapted to receive a removable PCMCIA card which includes electronic circuitry,
 an encoder having an encoder-input for receiving TV signals and an encoder- output for providing encoded TV signals,
 a buffer storage connected to said encoder-output, said buffer storage adapted to buffer said encoded TV signals, and
 interface circuitry adapted to connect circuitry on said PCMCIA card to said buffer whereby encoded TV signals can be transferred to said electronic circuitry on said PCMCIA card.

22) The TV recited in claim 21 wherein said PCMCIA card includes a rotating magnetic memory media for storing TV signals.

23) The TV recited in claim 21 wherein said PCMCIA card includes a magnetic hard disk adapted to store digitized TV signals provided by said encoder.

24) The TV recited in claim 21 including a processor adapted to control transfer of signals from said encoder to said interface circuitry.

25) The TV recited in claim 21 including a second PCMCIA card interface slot for holding a second PCMCIA card.

26) The TV recited in claim 21 including a processor connected to said buffer storage and to said interface circuitry, said processor adapted to control transfer of signals between said buffer and said interface.

27) A television receiver (TV), said TV including:

 a PCMCIA card (Personal Computer Memory Card International Association card) interface slot that is physically integral with said TV, said PCMCIA card interface slot adapted to receive a removable PCMCIA card which includes electronic circuitry,
 an encoder having an encoder-input for receiving TV signals and an encoder- output for providing encoded TV signals,
 a buffer storage connected to said encoder-output, said buffer storage adapted to buffer said encoded TV signals, and
 interface circuitry adapted to connect circuitry on said PCMCIA card to said buffer whereby encoded TV signals can be transferred to said electronic circuitry on said PCMCIA card,
 whereby TV signals can be stored on said PCMCIA card.

28) The TV recited in claim 27 wherein said PCMCIA card includes memory for storing TV signals.

29) The TV recited in claim 27 wherein said PCMCIA card includes a magnetic hard disk adapted to store digitized TV signals provided by said encoder.

30) The TV recited in claim 27 including a processor adapted to control transfer of signals from said encoder to said interface circuitry.

31) The TV recited in claim 27 including a second PCMCIA card interface slot for holding a second PCMCIA card.

32) A television set (TV) including:

 a Liquid Crystal Display (LCD) device,
 a PCMCIA card (Personal Computer Memory Card International Association card) interface slot in said TV, said PCMCIA card interface slot adapted to receive a removable PCMCIA card which includes electronic circuitry,
 a digital video processor adapted to provide signals to said LCD display device,

an analog tuner and input selector that can receives analog or digital TV signals, convert said analog signals to digital signals and provide digital signals to said digital video processor

interface circuitry adapted to connect circuitry on said PCMCIA card to said digital video processor, whereby digitized TV signals can be transferred to said electronic circuitry on said PCMCIA card.

- 33) The TV recited in claim 32 wherein said PCMCIA card includes memory for storing TV signals.
- 34) The TV recited in claim 32 wherein said PCMCIA card includes rotating memory media for storing said digitized TV signals.
- 35) The TV recited in claim 32 wherein said PCMCIA card includes a magnetic hard disk adapted to store digitized TV signals provided by said encoder.
- 36) The TV recited in claim 32 including a processor adapted to control transfer of signals from said encoder to said interface circuitry.
- 37) The TV recited in claim 32 including a second PCMCIA card interface slot for holding a second PCMCIA card.